

- Unofficial translation -

Notification of the Office of the National Telecommunications Commission

Re: Scope of Testing for Telecommunication Equipment

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Whereas Section 4 of the Notification of the National Telecommunications Commission regarding Regulations for the Conformity Assessment of Telecommunication Equipment by the Office of the National Telecommunications Commission has prescribed that the Office of the National Telecommunications Commission provides testing service for telecommunication equipment within the scope of testing as indicated in the Notification of the Office of the National Telecommunications Commission;

To comply with the above-mentioned Notification of the National Telecommunications Commission, the Office of the National Telecommunications Commission hereby issues the Notification regarding Scope of Testing for Telecommunication Equipment, the details of which are as appended hereto.

The Notification is hereby made for public acknowledgement accordingly.

Announced on the 4<sup>th</sup> day of February B.E. 2551 (2008)

Suranan Wongvithayakamjorn

Secretary-General of the National Telecommunications Commission

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This English version is prepared by International Organizations Bureau with the sole purpose of facilitating the comprehension of foreign participants in the telecommunication rules and regulations and shall not in any event be construed or interpreted as having effect in substitution for or supplementary to the Thai version thereof.

Please note that the translation has not been subjected to an official review by the Office of the National Telecommunications Commission. The Office of NTC, accordingly, cannot undertake any responsibility for its accuracy, nor be held liable for any loss or damages arising out of or in connection with its use.

Appendix

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Re: Scope of Testing for Telecommunication Equipment

Categories of telecommunication equipment	Technical standard	Topics of testing
Radiocommunication equipment used in the land mobile service in the VHF/UHF frequency bands (30-960 MHz)	NTC TS 001-2548	<ul style="list-style-type: none"><li>• <b>Transmitter</b><ul style="list-style-type: none"><li>- Rated carrier power</li><li>- Conducted spurious emissions</li><li>- Frequency error</li><li>- Frequency deviation</li><li>- Adjacent channel power</li></ul></li><li>• <b>Receiver</b><ul style="list-style-type: none"><li>- Reference sensitivity</li><li>- Adjacent channel selectivity</li></ul></li></ul>
Radiocommunication equipment for general public use in the 78 MHz or 245 MHz frequency band	NTC TS 002-2548	<ul style="list-style-type: none"><li>• <b>Transmitter</b><ul style="list-style-type: none"><li>- Rated carrier power</li><li>- Conducted spurious emissions</li><li>- Frequency error</li><li>- Frequency deviation</li><li>- Adjacent channel power</li></ul></li><li>• <b>Receiver</b><ul style="list-style-type: none"><li>- Reference sensitivity</li><li>- Adjacent channel selectivity</li></ul></li></ul>

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Categories of telecommunication equipment	Technical standard	Topics of testing
Radiocommunication equipment used in aeronautical mobile service in the VHF frequency band (117.975 - 137 MHz)	NTC TS 003-2548	<ul style="list-style-type: none"> <li>• <b>Transmitter</b> <ul style="list-style-type: none"> <li>- Rated carrier power</li> <li>- Conducted spurious emissions</li> <li>- Frequency error</li> <li>- Modulated depth: speech</li> <li>- AM distortion</li> <li>- Adjacent channel power</li> </ul> </li> <li>• <b>Receiver</b> <ul style="list-style-type: none"> <li>- Sensitivity</li> <li>- Adjacent channel rejection</li> </ul> </li> </ul>
User equipment of cellular land mobile service using GSM technology	NTC TS 004-2548	<ul style="list-style-type: none"> <li>• GSM 11.10: Mobile Station (MS) Conformance Specification (Selected test items only)</li> </ul>
Wireless microphone in the frequency range 794 - 806 MHz	NTC TS 006-2548	<ul style="list-style-type: none"> <li>- Rated carrier power</li> <li>- Conducted spurious emissions</li> <li>- Frequency error</li> <li>- Frequency deviation</li> <li>- Out-of-band emissions</li> </ul>
Radiocommunication equipment for model control in the 72 MHz frequency band	NTC TS 007-2548	<ul style="list-style-type: none"> <li>- Rated carrier power</li> <li>- Conducted spurious emissions</li> <li>- Frequency error</li> </ul>

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Categories of telecommunication equipment	Technical standard	Topics of testing
Radio frequency identification (RFID) equipment (920 - 925 MHz, 2.4 - 2.5 GHz, and 5.725 - 5.850 GHz)	NTC TS 1010-2550	<ul style="list-style-type: none"> <li>• <b>Frequency hopping systems</b> <ul style="list-style-type: none"> <li>- 20 dB bandwidth: FCC 15.247 (a)(1)(i)</li> <li>- Conducted output power: FCC 15.247 (b)(2)</li> <li>- Conducted spurious emissions: FCC 15.247 (d)</li> </ul> </li> <li>• <b>Spread spectrum systems and other modulation schemes</b> <ul style="list-style-type: none"> <li>- 6 dB bandwidth: FCC 15.247 (a)(2)</li> <li>- Conducted output power: FCC 15.247 (b)(2)</li> <li>- Conducted spurious emissions: FCC 15.247 (d)</li> </ul> </li> </ul>
Radiocommunication equipment in amateur radio service	NTC TS 1018-2550	<ul style="list-style-type: none"> <li>• <b>Transmitter</b> <ul style="list-style-type: none"> <li>- Rated carrier power</li> <li>- Conducted spurious emissions</li> <li>- Frequency tolerance</li> <li>- Occupied bandwidth</li> </ul> </li> <li>• <b>Receiver</b> <ul style="list-style-type: none"> <li>- Sensitivity</li> </ul> </li> </ul>
27 MHz CB radiocommunication equipment on board ship	NTC TS 1020-2550	<ul style="list-style-type: none"> <li>• <b>Transmitter</b> <ul style="list-style-type: none"> <li>- Rated carrier power</li> <li>- Frequency tolerance</li> <li>- Frequency deviation in case of frequency modulation</li> <li>- Conducted spurious emissions</li> </ul> </li> </ul>

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Categories of telecommunication equipment	Technical standard	Topics of testing
		<ul style="list-style-type: none"> <li>• <b>Receiver</b> <ul style="list-style-type: none"> <li>- Reference sensitivity</li> <li>- Adjacent channel selectivity</li> </ul> </li> </ul>
Radiocommunication equipment for maritime mobile service in VHF frequency band (156 - 162.050 MHz)	NTC TS 1021-2550	<ul style="list-style-type: none"> <li>• <b>Transmitter</b> <ul style="list-style-type: none"> <li>- Rated carrier power</li> <li>- Conducted spurious emissions</li> <li>- Frequency error</li> <li>- Frequency deviation</li> <li>- Adjacent channel power</li> </ul> </li> <li>• <b>Receiver</b> <ul style="list-style-type: none"> <li>- Reference sensitivity</li> <li>- Adjacent channel selectivity</li> </ul> </li> </ul>
Radiocommunication equipment pursuant to the Notification of the National Telecommunications Commission regarding unlicensed radio equipment and radio stations: <ul style="list-style-type: none"> <li>• Sections 2 (2) (3) (4) (6) (7) (8) (9) and (10)</li> <li>• Sections 3 (3) (5) and (6)</li> </ul>	-	<ul style="list-style-type: none"> <li>- Conducted carrier power</li> <li>- Operating frequency or frequency band</li> </ul>